19990126.ba v02_n399.bam.990126 v02_n400.bam.990126

>From ???@??? Tue Jan 26 19:48:12 1999
Date: Tue, 26 Jan 1999 10:30:43 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2399
Message-Id: <19990126162035.334501135C@devel43.theporch.com>

BOATANCHORS Digest 2399

Topics covered in this issue include:

1) Re: Filter ID
   by "george" <silvasy@silcom.com>
2) 9-pin adapter.
   by N5CM@aol.com
3) Re: Need: 7-pin Plug
   by "Barry L. Ornitz" <ornitz@tricon.net>
4) Re: 9-pin adapter.
   by John R Bookout K7JB <k7jb@uswest.net>
5) Re: need 400 cycle 3 phase power source info
   by John M Iverson <jackiv@juno.com>
6) Re: noise DF
   by ail0@lehigh.edu (ARTHUR I. LARKY)
7) Impedance matching
   by James.Reid@merisel.com
8) Hallicrafters Knobs Kneeded
   by Jim Lyle <jlyle@netcom.com>
9) RE: Impedance matching
   by Ed Sieb <esieb@gmsiworld.com>
10) Re: Impedance matching
   by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
11) Aladdin Radio Repair
   by Dick Dillman <ddillman@igc.apc.org>
12) What's a T-137/PRT-1?
   by Bill Strangfeld <bstrang@iac.net>
13) 5866/AX9900?
   by Bill Strangfeld <bstrang@iac.net>
14) Re: Aladdin Radio Repair
   by Walt Novinger <wnovinger@home.com>
15) Re: noise DF
   by "Arden Allen" <gumbear@pacbell.net>
16) RICK MISH
   by AviDov@aol.com
17) Capacator Replacement
   by Galpind@aol.com
18) Swan Tuning

    by Galpind@aol.com
19) BA List Saves the Day
    by David Stinson <arc5@ix.netcom.com>
20) Oscillator Problem...
    by Jack Harper <jharper@bsi2000.com>
21) Re: Capacator Replacement
    by Al Klase <skywaves@bw.webex.net>
22) Re: Impedance matching
    by John Shriver <jas@shiva.com>
23) FS:Heath IT-12 Sig tracer
    by Robert Norgard <kl7fm@yahoo.com>

Message-ID: <001601be48af$d18fee20$aed247cf@oemcomputer>
From: "george" <silvasy@silcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Filter ID
Date: Mon, 25 Jan 1999 14:12:29 -0800
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Have discovered two filters that appear to be similar to Collins mechanicals.

First unit: Type F455 J-15   P/N 526 9155 00
Second unit: Type F455 J-05   P/N 526 9154 00

>Any help?
>
>Thanks
>George Silva WA6HCX>
>

From: N5CM@aol.com
Message-ID: <e44c3aa3.36acf27a@aol.com>
Date: Mon, 25 Jan 1999 17:38:50 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: 9-pin adapter.
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi -

I inadvertently deleted your posting about needing a 9-pin male adapter so am posting to find you.

Try finding a test socket adapter that is used to plug into the tube socket with the tube plugged into it so as to make the pin connections available above chassis, or, one of the add-on sockets used on tube checkers to avoid wearing out the original socket in the tester.

You could then cut off the top and have the 9-pin male plug you need. Good luck!

73,   Ken....N5CM....

From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Boatanchors Mailing List" <boatanchors@theporch.com>
Subject: Re: Need: 7-pin Plug
Date: Mon, 25 Jan 1999 17:48:17 -0500
Message-ID: <01be48b4$ccc79e60$9d4562d8@ornitz.dpnet.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dick Dillman asked for a 7-pin plug to fit a tube socket to build a solid-state diode replacement. When I need such an item, I look for a defective tube (keeping these just for this purpose). Place the tube in a V-notch and using a glass cutter score the envelope completely around about 1/4 inch above the base of the tube. I use a red-hot nichrome wire applied to the scratch to break the tube cleanly, but other methods will work too. Just remember to wear safety glasses or other eye protection when you do this. Once you have the tube envelope off, you can discard its "guts". But look at it carefully first because the precision in which it was made is quite apparent. Some fine emery paper can be used to smooth the edge of the glass.

You can carefully solder to the wires originally connected to the tube elements. In many cases these wires may be nickel and you will have to use acid flux like NoKorrode (talk about an oxymoron of a name). After you get the leads properly tinned, wash the base well in soap and water to remove this flux. Regular rosin core solder should be used to install the diodes.

After soldering the diodes and such in place, slip a properly sized pipe cap of CPVC or PVC over the assembly. This can be glued to the glass base with epoxy. Alternately you might consider "potting" the entire assembly in epoxy or polyester resin.

I guess I am cheap!

73, Barry L. Ornitz   WA4VZQ   ornitz@tricon.net

Message-ID: <36ACFAD7.48D1BAD9@ptld.uswest.net>
Date: Mon, 25 Jan 1999 15:14:31 -0800
From: John R Bookout K7JB <k7jb@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 9-pin adapter.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FYI: N5CM and BA's

I just noticed this post for a 9 pin male plug to fit a 9 pin tube socket. These are most useful when using an R-390A mechanical filter for a Collins 75A4 receiver. The 8 kHz BW Mechanical filters make an excellent filter for AM and are available from Fair Radio; last price $30 (check their availability first). I have 9 pin male plugs available for $3 + $4 shipping. Sorry no 7 pin male connectors.

73's John K7JB

N5CM@aol.com wrote:
>
> Hi -
>
> I inadvertently deleted your posting about needing a 9-pin male adapter so am posting to find you.
>
> Try finding a test socket adapter that is used to plug into the tube socket with the tube plugged into it so as to make the pin connections available above chassis, or, one of the add-on sockets used on tube checkers to avoid wearing out the original socket in the tester.
>
> You could then cut off the top and have the 9-pin male plug you need. Good luck!
>
> 73,   Ken....N5CM....

--
Best 73's

[K7JB is looking for a 30S1 for his Collins S-line station.]

John K7JB

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Mon, 25 Jan 1999 15:21:10 CST
Subject: Re: need 400 cycle 3 phase power source info
Message-ID: <19990125.171234.3486.0.jackiv@juno.com>
From: John M Iverson <jackiv@juno.com>

Jack Iverson   K0EWU   jackiv@juno.com
ARRL, IEEE LM, RCA, AMI, ARCI, QCWA

On Mon, 25 Jan 1999 10:56:28 PST "Ken Kinderman" <bc455@hotmail.com>
writes:

remember, 5kw out o fan m-g set will require about a 7.5 horsepower
motor. not many sets had single phase motors. probably will need   will
need a 3 phase power line for that. there are some 60 hz to 400hz m-g
sets around chi area, used.   jack

>> Can anyone in the group offer suggestions about how to make 5KW of
>110V
>>400CPS 3PH power?
>
>Try compass@compassnj.com
>
>They have lots of rotating iron.
>
>73,
>
>Ken Kinderman
>WB9OZR
>bc455@hotmail.com
>
>
>____
>Get Your Private, Free Email at http://www.hotmail.com
>
>

____
Get secure free e-mail that you don't need Web access to use
from Juno, the world's second largest online service.
Download your free software at http://www.juno.com/getit.b.html.

Message-Id: <199901252319.SAA97306@ns1-1.CC.Lehigh.EDU>
Date: Mon, 25 Jan 1999 18:19:26 EST
From: ail0@lehigh.edu (ARTHUR I. LARKY)
Subject: Re: noise DF
To: Old Tube Radios <boatanchors@theporch.com>
Cc: ail0@larky.com

Ed AA8TV asks:
>Does anyone have suggestions for finding the origin of local noise? This noise

>local Power Company (who were very cooperative) but the noise wasnít present
>when they came to the house

Is it different depending upon the weather? It sounds to me like leakage on a power wire which should be worse in wet weather. Drive around in your car listening on broadcast band. You should hear a rushing crackling when you pass near the source. Then call the power company. They like to fix things like this because it is their money that is being spent making the noise.
Art K3HBA

From: James.Reid@merisel.com
Mime-Version: 1.0
Date: Mon, 25 Jan 1999 15:22:38 -0800
Message-ID: <00070537.C22034@merisel.com>
Subject: Impedance matching
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Greetings all,

I just picked up the guts to a '41 Philco wireless record player(RP2). It was essentially an inexpensive solution to listening to records without having to buy an expensive record player. Fire this thing up, tune your AM radio to around 585Kc and you'll hear your favorite records playing through your radio. This thing uses an 84 rectifier and a 6A7 as the oscillator. While I'm sure the audio quality will be lacking, what I'd like to do is hook it up to a CD/cassette/FM tuner and rebroadcast my programming material throughout the fleet of old AM table radios.

Since this thing uses a transformer, it will be ideal. I won't have to worry about the dreaded hot chassis. My question is how different is the impedance for a crystal phono pickup vs. a CD deck? Is it close enough for jazz or do I need to scrounge a matching transformer? Thanks for any info the group could offer.

Regards,
Jim N6SVS
James.Reid@merisel.com

From: Jim Lyle <jlyle@netcom.com>
Message-Id: <199901252333.PAA08967@netcom15.netcom.com>
Subject: Hallicrafters Knobs Kneeded
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 25 Jan 1999 15:33:45 -0800 (PST)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hello;

I am in need of some knobs for an SX-71 I just acquired. I need BOTH of the big tuning knobs (main tuning and bandspread). Hallicrafters used the same kind of knob on several radios of the same vintage, so any will do.

While I'm at it, I also need one of the smaller knobs in the same style for my S-53.

If you have such and would be willing to sell or trade, please let me know.

--
Jim Lyle
KF6GPG

jlyle@netcom.COM

Message-ID: <01BE4893.EF4017E0@esieb.gmsiworld.com>
From: Ed Sieb <esieb@gmsiworld.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Impedance matching
Date: Mon, 25 Jan 1999 18:52:56 -0500
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Jim and all,

Jim N6SVS wrote
>... what I'd like to do is hook it up to a

>CD/cassette/FM tuner and rebroadcast my programming material...

The old crystal pick-ups were __very__ high impedance devices, typically 500
Megohms or
even higher. Never-the-less, you can try and hook up the "tape out" or "line out"
of your existing
receiver/pre-amp/integrated whatever and try it. At worst, it'll sound muddy and
lacking in highs.
As most contemporary stereo systems' hi-Z inputs are around 50K ohms or so, for a
perfect
match, you'll need something that will match 50K Ohms to 500 K or higher. The
other thing to
think about is any eq curves that need to be considered. Is that crystal input
eq'd for RIA or
similar? You might end up putting a cheap EQ box ahead of the crystal input to
tailor the sound.

Ed
VA3ES

Message-Id: <3.0.1.32.19990125180025.00bf8100@vuse.vanderbilt.edu>
Date: Mon, 25 Jan 1999 18:00:25 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: Impedance matching
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:22 PM 1/25/99 -0800, you wrote:
> Greetings all,
> I just picked up the guts to a '41 Philco wireless record
> player(RP2). My question is how different
> is the impedance for a crystal phono pickup vs. a CD deck? Is it
> close enough for jazz or do I need to scrounge a matching transformer?
> Thanks for any info the group could offer.
>
Crystal pickup runs about a volt out into a very high impedance load (say a
meg or so), so the input Z won't load the CD deck down. You may not,
however, get enough drive out of it, these days decks put out something
like a half volt or less. I'd just try it, can't hurt anything. These
"phono modulators" usually use choke or screen modulation, you are lucky to
get 40% out of them and they are pretty dirty, so don't have high
expectations. There is very little satisfaction amongst the antique radio
news group regarding available modulators, new or old.
A. B. Bonds

Date: Mon, 25 Jan 1999 16:31:53 -0800 (PST)
Message-Id: <2.2.16.19990125163107.50a71f02@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Aladdin Radio Repair

At 01:51 PM 1/25/99 -0500, you wrote:

>...Sounds like a job for our own Mr Dillman....
>Dick, up for a report?

You betcha, John. I've been to Aladdin Radio Repair (1609 Irving St., San Francisco, CA Phone 415-731-1920) many times both to visit and to have radios repaired. John concentrates mainly on the entertainment radios of the 20s through the 50s and yes, there are a few wooden cased radios in my collection. I had him work on a Zenith table model that has both the old and the "new" FM bands in addition to the AM band. That was several years ago and I still use it to listen to NPR every morning. I doubt many SW-3 Thrill Boxes cross his threshold but one never knows. And I *did* see a SX-28 on the bench there once.

Even if the number of BAs in John's shop is slim it's worth a trip for any radio enthusiast who enjoys the down home feel of a real old time radio shop.

Regards,

Dick

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Mon, 25 Jan 1999 20:37:05 -0500 (EST)
From: Bill Strangfeld <bstrang@iac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: What's a T-137/PRT-1?
Message-ID: <Pine.SUN.3.93.990125202512.10396C-100000@crystal.iac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Found an odd U.S. Army transmitter, labeled T-137/PRT-1.
The contract date is 1945. It's a cylinder 23" long and
6-1/2" diameter. In each end there's a spool of insulated
wire that's apparently meant to be pulled out and used as an
antenna. It has a carrying strap but no controls or mike or
key jacks are evident. Anyone recognize this? Whazzit?

Thanks!
Bill Strangfeld
WB8YUW, bstrang@iac.net

Date: Mon, 25 Jan 1999 20:41:57 -0500 (EST)
From: Bill Strangfeld <bstrang@iac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 5866/AX9900?
Message-ID: <Pine.SUN.3.93.990125203712.10396D-100000@crystal.iac.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What is an AX990 / 5866? Looks sorta like a 4-125 but not
exactly. Anyone need a pair?

Bill Strangfeld
WB8YUW, bstrand@iac.net

Date: Mon, 25 Jan 1999 21:03:51 -0700
From: Walt Novinger <wnovinger@home.com>
Message-ID: <0877.990125@home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Aladdin Radio Repair
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Dick,

On Monday, January 25, 1999, you wrote:
DD> At 01:51 PM 1/25/99 -0500, you wrote:

>>...Sounds like a job for our own Mr Dillman....
>>Dick, up for a report?

DD> You betcha, John. I've been to Aladdin Radio Repair (1609 Irving St., San
DD> Francisco, CA Phone 415-731-1920) many times both to visit and to have
DD> radios repaired. John concentrates mainly on the entertainment radios of
DD> the 20s through the 50s and yes, there are a few wooden cased radios in my
DD> collection. I had him work on a Zenith table model that has both the old
DD> and the "new" FM bands in addition to the AM band. That was several years
DD> ago and I still use it to listen to NPR every morning. I doubt many SW-3
DD> Thrill Boxes cross his threshold but one never knows. And I *did* see a
DD> SX-28 on the bench there once.

DD> Even if the number of BAs in John's shop is slim it's worth a trip for any
DD> radio enthusiast who enjoys the down home feel of a real old time radio shop.

DD> Regards,

DD> Dick

DD> Dick Dillman
DD> <ddillman@igc.apc.org>
DD> WPE2VT W6AWO
DD> Collector Of Heavy Metal:
DD> Harleys, Willys and Radios Over 100lbs.

Before moving to Calgary from SF, my wife and I used to visit Aladdin
frequently. John and his wife are real dow-to-earth folks who really
enjoy talking radios. It might also interest some to know that John is
also a championship-level skeet shooter who spends most weekends at
tournaments in the good weather. He also has a few of the most
beautiful old cars from the 20's and 30's. He's a "man of many parts"
as my Irish friends say.

Best regards,
Walt

==
Walt Novinger   Real Radios Keep You Warm At Night!
Collector of hollowstate communications receivers and test equipment
wnovinger@home.com

Message-Id: <199901260447.UAA15000@mail-gw3.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: noise DF
Date: Mon, 25 Jan 1999 20:48:14 -0800

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Ed;

Does anyone have suggestions for finding the origin of local noise?
....

Yes. Get into your car and tune the AM radio to a quiet spot where you can hear the noise. Drive a crosshatch pattern for as many blocks in all four directions until you develop a sense of where the noise is centrally located. Listen carefully to noises you hear, you MUST distiguish other noises from the one that you hear in your shack. Reduce the sensitivity of your radio by pushing the antenna whip all the way down (or do you have one of those automatic whips that pop up when you turn the radio on? ......too bad). Take a portable with you and lay it on the seat so that it picks up a minimal amount of the car's ignition noise and see if you can pick up noise at what seem to be the strongest spots. When you have it fairly well localized get out of the car and take the portable with you. Life will now get interesting as people stare at you while you peer into the clouds and listen to the sides of utility poles. You will probably find yourself coming back to a pole with a pig (transformer) on it. Be hearty and of good cheer while doing this. If the gawkers are gonna call the cops you want to be able to explain to the blue meanies what you're up to and it's much easier to demonstrate noise hunting without bracelets on!!!

It may take several days to learn where the noise is coming from but that kind of info is what will cinch the power companie's doing something to correct the problem. They won't stick to it for more than a couple of hours. I AM the voice of experience on this one........

Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

From: AviDov@aol.com
Message-ID: <9c82d697.36ad7445@aol.com>
Date: Tue, 26 Jan 1999 02:52:37 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: RICK MISH
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Looking for EM address or CALL for Rick Mish of Toledo to expedite correspondence.

From: Galpind@aol.com
Message-ID: <3b72c9fe.36adb9a6@aol.com>
Date: Tue, 26 Jan 1999 07:48:38 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Capacator Replacement
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I am getting serious about my first re-capping effort, an S53AU and have some questions. I tried the archives, but had trouble finding anything, so I need to ask here.

The electrolytics seem to be OK, no hum. I am thinking about replacing the tubulars and papers with polyproplyene or polystyerene but don't know if it would be worthwhile to do the ceramics and micas. What has been the experience with these types? Also, what to use to replace micas? ceramics? The S53 has a 2400 mmf (pf) silver mica. What could be used to replace this?

Thanks & 73
Dave KB0LP
galpind@aol.com

From: Galpind@aol.com
Message-ID: <36db87e.36adb9b6@aol.com>
Date: Tue, 26 Jan 1999 07:48:54 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Swan Tuning
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I have been fooling around with a SWAN 500C. It is working fine on 80 thru 15, but I can't get it neutralized on 10 meters. I have tweaked C315 over its range and still have about 300 mils of current with the carrier balanced. Any ideas?

Thanks & 73
Dave KB0LP
galpind@aol.com

Message-ID: <36ADCF07.36387526@ix.netcom.com>
Date: Tue, 26 Jan 1999 08:19:51 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>

Subject: BA List Saves the Day
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just thought I'd remind you all what a great group of people this is. My WIN95 and QRZ problems are solved. Thanks a million!

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Message-Id: <4.1.19990126074450.00ace390@mail.pcisys.net>
Date: Tue, 26 Jan 1999 08:00:10 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bsi2000.com>
Subject: Oscillator Problem...
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all...

I am still slowly working on getting this Hammarlund HX-50 transmitter back to life -- the thing has no RF Drive unless driven by a crystal. Clearly, the VFO is not working at all.

The VFO oscillator uses a 6AU6 tube with the usual variable capacitor etc -- my question is this: The Voltage Chart out of the HX-50 manual informs me that the expected voltages on the pins of the 6AU6 should be as follows: Pin-5 (plate): +23VDC; Pin-7 (cathode): +3VDC; and Pin-6 (a grid): +140VDC.

Do these listed voltages make sense -- they seem a bit low to me -- but then I am not the swiftest person in the world when it comes to BA circuits. What I actually see, BTW, is +150VDC on the plate; +150VDC on the grid; and 0VDC on the cathode -- clearly something is amiss...

The Hammarlund manuals are notorious, in my experience, for having hordes of errors and misprints in the troubleshooting sections. Two years ago, I wrestled for several weeks while repairing/aligning my HQ-180 receiver before I finally figured out that about one in ten of the items listed were wrong in one way or another (the amazing thing to me is that clearly Hammarlund printed those manuals for at least five years with the same errors). But then of course, with this HX-50, I have three versions of the schematic -- none of which match the actual circuits exactly. I build real-time process control software for a living ('wheels within wheels') -- this thing reminds me of some of the spaghetti code that I occasionally get to deal with :)

Any advice or comments greatly appreciated. I *will* get this HX-50 back on the air -- or bust!

Best Wishes to all.

Jack, W0YJ (Friend to all things Hammarlund)

```
---------------------------------------------------------------------------
Jack Harper                                  BSI2000, Inc.
303-231-9095                                Lakewood, Colorado USA

              "Optical Cards... A Spectrum of Solutions"
        Optical Cards for Bank, EBT, and Medical Applications
Visit our Web Page: http://www.bsi2000.com (Last Update: 990101)
---------------------------------------------------------------------------
```

```
------------------------------
Message-ID: <36ADDC52.4AB7E4E@bw.webex.net>
Date: Tue, 26 Jan 1999 10:16:34 -0500
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Capacator Replacement
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
```

Dave & The Group,

Galpind@aol.com wrote:

> I am getting serious about my first re-capping effort, an S53AU and have some
> questions......
>
> The electrolytics seem to be OK, no hum.

I've had reasonable luck leaving 1950's electrolytics in place. Check for electrical leakage, i.e., do they get warm or are voltages low. Check for physical leakage, i.e., signs of dryed up electrolyte near seal or below the caps. When in doubt replace. Leave above chassis cans in place for appearance, but disconnect from the circuit. You may need to install terminal strips to hold new parts and original wires.

> I am thinking about replacing the
> tubulars and papers with polyproplyene or polystyerene

By all means, replace the all. They are a proven trouble spot. Polyester (Mylar) caps are cheaper and generally more available, and are TOTALLY adaquate for coupling and bypass applications.

>but don't know if it would be worthwhile to do the ceramics and micas.....

Leave them alone unless you KNOW you have a problem. They may well be in frequency sensitive circuits where correct values and perhaps temperature coefficients are critical.

> What has been the experience with these types?

Ceramics are generally for ever. I'm starting to encounter leaky postage stamp micas, but it's too early to panic.

> Also, what to use to replace micas?

Dipped silver micas are still available, but you may have to parallel units to acheive odd values.

You might also want to read the AVC trouble-shooting article in the communications receiver section of my web page.

My two cents,
73, Al

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: http://www.webex.net/~skywaves/home.htm

Date: Tue, 26 Jan 1999 10:29:35 -0500
Message-Id: <199901261529.KAA06896@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Impedance matching

Date: Mon, 25 Jan 1999 18:00:25 -0600
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>

You may not, however, get enough drive out of it, these days decks

put out something like a half volt or less.
A. B. Bonds

The standards book for CD players (component) calls for 2 VRMS as the full scale (maximum) analog output.

If manufacturers of component CD players violate the anlog output standard, they tend to make it too HIGH. In audio, people always think LOUDEST is best...

Many older (tube) receivers may not take well that that MUCH input on line level inputs. They are used to 1 VRMS or lower.

Message-ID: <19990126163241.21943.rocketmail@send102.yahoomail.com>
Date: Tue, 26 Jan 1999 08:32:41 -0800 (PST)
From: Robert Norgard <kl7fm@yahoo.com>
Subject: FS:Heath IT-12 Sig tracer
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have for sale a Heathkit IT-12 signal tracer. It's in fair working condition with manual, but no probe.

The only mod on it is a BNC jack on the front to connect the probe. (that's probably why I lost it.)

I have used this equipment on the bench regularly since 1976. Still works fine. Best offer.

(Tube set: 1-12AX7, 1-12CA5, 1-1629)
73,
Bob - KL7FM

____
DO YOU YAHOO!?
Get your free @yahoo.com address at http://mail.yahoo.com

End of BOATANCHORS Digest 2399
****

>From ???@??? Tue Jan 26 19:48:54 1999
Date: Tue, 26 Jan 1999 18:01:22 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2400
Message-Id: <19990126235113.704E011286@devel43.theporch.com>

BOATANCHORS Digest 2400

Topics covered in this issue include:

1) Re: RICK MISH
by John R Bookout K7JB <k7jb@uswest.net>
2) Questions about Lafayette Explor-aire Receiver
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
3) Signal-Corps BC348Q - markings in French
by Richard Post <post@ouvaxa.cats.ohiou.edu>
4) Philco transmitter lives!
by James.Reid@merisel.com
5) Collins C-975/URR
by dma@islandnet.com
6) PRC-6 calls for Godzilla's doom!
by "Ian Abbott" <ian@gene.COM>
7) WW-II Navy Iconoscope Tubes
by David Stinson <arc5@ix.netcom.com>
8) Re: WW-II Navy Iconoscope Tubes
by "Mike B. Feher" <n4fs@monmouth.com>
9) FS: NCX-5 / NCX-A AC-PS / VX-501 Remote VFO / Spare tubes / Manuals
by w2ec@VNET.IBM.COM
10) POWER LINE NOISE DF'ING
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
11) It's Me!
by Dick Dillman <ddillman@igc.apc.org>
12) re: operate 230 volt equip. on 125 volt ?
by Richard Post <post@ouvaxa.cats.ohiou.edu>
13) Re: Aladdin Radio Repair
by Morris Odell <morriso@vifp.monash.edu.au>
14) Re: G B> Copied from 12952.4 bc tonite.
by "James D. Mayfield" <kb9bnr@revealed.net>
15) Re: What's a T-137/PRT-1?
by Paul Nelson <drhydro@ames.net>
16) Re: POWER LINE NOISE DF'ING
by "David M. Nance" <dmnance@roanoke.infi.net>
17) RE: RBB and RBC (Poser Supply)
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
18) WTB MANUAL   TV-4
by John M Iverson <jackiv@juno.com>
19) Re: 5866/AX9900?

    by Bill <billross@txdirect.net>

Message-ID: <36ADF99B.CDD8D7D7@ptld.uswest.net>
Date: Tue, 26 Jan 1999 09:21:31 -0800
From: John R Bookout K7JB <k7jb@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: RICK MISH
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi AviDov:

The last time I talked to Rick; he had no interest in the internet!
However, I see that he has started to place ads in QST (Feb 1999, Pg
144). His phone # there is:

419-255-6220

Best 73's John

AviDov@aol.com wrote:
>
> Looking for EM address or CALL for Rick Mish of Toledo to expedite
> correspondence.

--
Best 73's

[K7JB is looking for a 30S1 for his Collins S-line station.]

John K7JB

Message-ID: <21B46CBD022AD1118F0500805F15A06801106600@STPMSX05.stp.guidant.com>
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Questions about Lafayette Explor-aire Receiver
Date: Tue, 26 Jan 1999 11:24:50 -0600
MIME-Version: 1.0
Content-Type: text/plain

Hi,

I recently picked up a nice little Lafayette Explor-air three tube regen receiver (not the Mark V, but the one with the speaker inbetween the main and bandspread tuning).   I would like to find a couple of folks who have this style receiver so I can ask some questions.

1. My unit does not have the optional "leatherette" case so I would like duplicate it as close as reasonably possible. What is the color of the "leather", the thickness of the cabinet wood, and the general construction of the case?

2. I would like the knobs described to me so I can verify the correct knobs are installed.

3. Is a manual or schematic available?

Thanks,

73, Scott WA9WFA in Saint Paul Minn

Message-Id: <v03007800b2d3aec24d0d@[132.235.46.169]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 26 Jan 1999 12:46:24 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>
Subject: Signal-Corps BC348Q - markings in French

Hi folks,

Received the following query from Hans Winkel in Germany. Can anyone shed light on his question? If so, let me know and I'll pass it on.

Thanks,

Rich
<postr@ohiou.edu>

>Hallo,
>thanks for your good Homepage.
>I have found there information about the Signal-Corps 348Q.
>Now i have this Rreceiver. But i think the Receiver is comming from france.
>All description an the panel
>are in france-language.
>Like: Gamma/ACCORD ANT./FREQUE DE BAT./ etc.
>The receiver hast the Serial-Number 2919 and made by Wells Gradner & Co.
>Do you know more about this reciever with this serial number and his
>history?

>Sorry my english is not so god.. but i thin you can understand.
>
>Greetings frm germany Hamburg

From: James.Reid@merisel.com
Mime-Version: 1.0
Date: Tue, 26 Jan 1999 10:34:52 -0800
Message-ID: <00072C03.C22034@merisel.com>
Subject: Philco transmitter lives!
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Greetings all!

First of all thanks so much to everyone who responded to my impedance matching question. I knew I'd find the information here.

Secondly I'd like recount my experience with the unit. I really didn't have time to change out electrolytics or wax blobs, or even test the tubes. I did check over the wiring, comparing it with Rider's 14. It looked pretty much untouched. I pulled the tubes and brought it up on the variac to check the transformer. All was well. I used my Eico 1033 supply to form the electrolytics. Both sections came up to snuff after a about a minute. Popped in the 84 rectifier, but couldn't get any filament action. Turned out to be a cruddy socket. B+ came up to about 100VDC with the 6A7 in place(seems low to me) with the input voltage at 117VAC. I grabbed an AM transistor radio and starting tuning the oscillator coil on the transmitter. About three turns later I was getting a heterodyne whistle. Wow, it works! Getting braver, I snagged the Sony Discman and wired the headphone output to the crystal input on the Philco. Presto! An audio signal!! The line out on the Sony was barely enough, so I had to use the headphone out and jack up the volume. The audio fidelity wasn't 'broadcast quality', but it wasn't painful to listen to, either. What WAS disappointing was the range. There was a short piece of wire someone had tacked on to one end of the oscillator coil. A 2' clip lead on here helped a little but also caused a major shift in osc. freq. The transistor radio could still hear the signal from about 10', but whizbang Pioneer AM/FM tuner for the garage stereo could barely copy it at 4'. I might be dreaming, but I thought I read the range on this unit was about 50'. I guess I need to fire up a 'real' radio and see if I have any better luck. Maybe it's related to the somewhat low B+, some leakiness in the coupling caps, or weak tubes. Maybe I'm clipping on to the wrong place for an antenna, also. It doesn't show anything in the schematic. I'll report back after the unit has been freshened up.

Again, warmest thanks to everyone. You're the greatest.

-Jim
James.Reid@merisel.com

From: dma@islandnet.com
Message-Id: <m105E2S-000KxsC@mail.islandnet.com>
Date: Tue, 26 Jan 1999 10:02:54 -0800
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Collins C-975/URR
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi folks ...

Someone has asked me if I know anything about this unit. The only info I've found so far is that it is a receiver control that operates in conjunction with two R-390s to make up the AN/FRR-39 set. Can anyone provide more info? Any ideas what it might be worth?

Jan Skirrow, VE7DJX
Duncan, BC, Canada

****

http://www.islandnet.com/~dma/Boatanchors/

Information, Parts, Pictures, Articles: The R-390A
and other classic gear.

****

From: "Ian Abbott" <ian@gene.COM>
Message-Id: <9901261128.ZM28527@wizard.gene.com>
Date: Tue, 26 Jan 1999 11:28:23 -0800
To: Old Tube Radios <boatanchors@theporch.com>
Subject: PRC-6 calls for Godzilla's doom!
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello-

I don't know much about green radios, but my wife and I caught the end of a Godzilla movie the other night, and the "General" kept turning to a "GI" holding what looked like a PRC-6 to call in more attacks! A nice shiny, one, too! (It should be shiny- the General, the GI, and all the others in the scene were wearing white gloves.)

I didn't get an ID on the movie, but it had Rodan (sp?) in it and at the end Godzilla fights two other monsters, one with three heads, before falling into the sea.

I'm probably one of the few rock-'n-roll types on the list, but it'd be a hoot to hear Blue Oyster Cult's "Godzilla" played through an R-390 with that legendary good audio!

Go, go, Godzilla!

IEA

--
For your safety, please keep your head and hands inside the message.

Ian E. Abbott KC6UPT   ian@gene.com   http://www.wenet.net/~planenut
This is a *personal* message that does *not* represent my employer.

Message-ID: <36AE1972.CE3ED174@ix.netcom.com>
Date: Tue, 26 Jan 1999 13:37:22 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WW-II Navy Iconoscope Tubes
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone on the list have a feel for how uncommon it is to find an unbroken iconoscope tube for the WW-II "smart-bomb" television transmitters like the ATJ, ATH, ATK etc. This is the one that looks like a giant lolly-pop with its head bent at a 45 deg. angle.

TNX ES 73 DE Dave Stinson AB5S
arc5@ix.netcom.com

U.S. Senate: A handful of good people in
a sea of cowards and whores.

Message-ID: <013001be4987$d5447a80$961bbfd1@n4fs>
From: "Mike B. Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: WW-II Navy Iconoscope Tubes
Date: Tue, 26 Jan 1999 15:58:51 -0800
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

They are not at all "uncommon", however, since all early TV stuff is very collectible more and more of these are now in the hands of collectors. I just sold 3 of them not too long ago, to tube collectors, and now only have two left. One on display and the other in a camera. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

>Does anyone on the list have a feel for how uncommon it
>is to find an unbroken iconoscope tube for the WW-II
>"smart-bomb" television transmitters like the ATJ, ATH, ATK etc.

From: w2ec@VNET.IBM.COM
Message-Id: <199901262102.PAA23684@sco.theporch.com>
Date: Tue, 26 Jan 99 16:01:30 EST
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: NCX-5 / NCX-A AC-PS / VX-501 Remote VFO / Spare tubes / Manuals

FS: National NCX-5 Transceiver (80-10 CW/AM/SSB) including the NCX-A AC power supply and VX-501 Remote VFO w/Novice crystal unit. Included is a complete set of spare tubes with two NOSIB 6JB6 finals and copies of the manuals for each unit. Entire package for $650 plus shipping (several boxes) from zip 13902 Binghamton, NY.

Since I haven't seen any of these advertised I have to take a stab at the price. I don't know if $650 is too high or too low. If too high, make me an offer. If too low someone makes out and I'm happy because I'll get what I'm asking. I'll be real ticked though if I see it on e-bay a week later for $2000! I understand the VX-501 is pretty rare (rarer even than $900 Collins 312B-5 remote VFO's) and with a spare set of tubes I feel $650 for the whole package is fair.

Here are the details if you're interested:

Good condition, no dents etc. Will need cleaning, light rust on some screw heads, more like tarnish. A little rubbing with a clean cloth cleaned the few screwheads I tried but I don't want to take the time to do them all myself.

Cabinets are in good shape, but if I were to keep it myself I'd probably respray them with R&R National Blue paint to make them pristine looking.

Two knobs on the NCX-5 have been replaced with non-original but similar looking knobs. Knobs on VX-501 are all original.

Panels on all are about a 7, a good polishing (they are brushed aluminum, no painting needed) would bring them to at least an 8, maybe even a 9.

Chassis are somewhat dirty, again more tarnished than anything, another case of a clean cloth and some elbow grease to clean them up. These are not mouse dropping infected, no firehose treatment needed, just some TLC.

I fired it up last night, received excellent signals on 80, 40 and 20 meters, nothing heard on 15 and 10 but according to my other rigs those bands were dead anyway. S-meter seems to be working fine. AM and SSB sounded great. A little noise when swinging the exciter tune knob to peak the receiver, probably a case of needing a shot of de-oxit on the variable cap wipers.

Tried to tune the transmitter but had no drive indication on the meter. Checked the main PS voltages and these all showed OK although the bias showed some ripple so probably will need re-capping of the PS. Good 825vdc indication for the HV, power xfmr is OK. No apparent mods and nothing broken so the lack of drive is probably a bad cap or possibly just out of alignment.

Any other questions, feel free to ask.

73, Ray W2EC

```
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Tue, 26 Jan 1999 16:10:20 -0500 (EST)
Subject: POWER LINE NOISE DF'ING
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID:  <9901261610.aa00359@pcusa01.ecunet.org>
```

The common power line noise *decreases* in wet weather, that'a a good tip off.

A lot of this noise is caused by loose hardware on pole.
Not-in-good-physical-contact metal parts make dandy noise generators excited by the very high E fields near the wires.

Sometimes, metal stuff (bracketsk, braces) need to be replaced by *wooden* or fiberglas stuff! Yes, it's true & it works.

I've just been thru a session here. Power company guys had to climb *30* poles to get rid of it all. Local district office wouldn't get off it's duff to do anything for 3 months in Summer. I thought that was enough time. A polite but vaguely threatening (invoking Federal law, state PUC & FCC if nothing got done) letter to power company president did the trick.

Here's part of what I wrote:

"This interference violates Federal law: Title 47 of the Code of Federal Regulations 15.25, `Operating Requirements:  Incidental Radiating Device'. It says, `An incidental radiation device [power lines] shall be operated so that the radio frequency energy that is emitted does not cause harmful interference. In the event that harmful interference is caused, the operator [electric power company] of the device shall promptly take steps to eliminate the harmful interference.'"

Note that the above applies to *every* user of electrical lines and apparatus.

Got huge action the very next day, very polite phone calls to me, the district manager became my "new best friend"! My neighborhood was crawling with cherry picker trucks & crews. It's not my fault they waited til Winter to do this work, I called them a long time ago!

The lower the freq of the noise, the harder it is to find. When wavelengths get long, you get obvious standing waves, the distribution system (wires) become transmission line & antenna. The peaks and nulls can make it very hard to find the actual source(s). If you drive along a power line noisy on AM broadcast, you can sometimes hear the standing wave effect, peak, null, peak, null, etc.

Our guys use a 136 MHz AM receiver w/s-meter & 4 element Yagi, works very well.

Worst offender: A photocell-operated, screw-in night light installed in an outside fixture on a neighbor's house. Electric company told him he *must* remove it & he did.

-John Sehring (Tue, Jan 26, 1999 @ Custer SD USA) UCC WB2EQG
"Live long and prosper" --John 10:10b

Date: Tue, 26 Jan 1999 14:21:53 -0800 (PST)
Message-Id: <2.2.16.19990126142107.41a7a69a@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: It's Me!

Finally the postperson has delivered my copy of QST so I have seen the photos (on page 20) of me and my setup for the last CX - just in time for this CX! For those interested in such things we (the Maritime Radio Historical Society) have obtained the call K6KPH in honor of the "wireless giant of the Pacific", KPH, the RCA station at Bolinas, CA. Thus my setup intending to duplicate as closely as possible a typical KPH operating position has an appropriate call to go with it. The tape loop I send on the Boehme keying head even duplicates the VVV QSX marker of the original KPH (not to be confused with the current KPH which blasphemously sends CQ).

The current project of the Society is the restoration of an RCA Radiomarine 4U radio console from a WWII Victory ship to operating condition. It will be installed at the San Francisco Maritime Museum as part of a permanent exhibit on maritime radio communications. Co-conspirator Tom Horsfall (WA6OPE) and I plan to be there operating the console during viewing hours to show people how Morse code was (and, yes, still is) used aboard ship. We also plan to accept radiograms from the viewing public - on the historically appropriate RCA radiogram blanks, of course - for transmission via Morse and delivery via the National Traffic System.

I'll announce the grand opening of the exhibit in these pages. All radiomen and radiowomen are encouraged to stop by and check out our recreation of a Victory ship radio room!

Vy 73,

Dick

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-Id: <v03007801b2d3c4285668@[132.235.46.169]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 26 Jan 1999 17:27:07 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>

Subject: re: operate 230 volt equip. on 125 volt ?

>let's say you wanted to operate a 230 volt mains only reeciever
>on the north america standard 125 volts.

>tnx, hue

Hue,

Cheapest method I've found is to get a split primary power transformer (such as from an old computer printer junk piece). Wire the split primaries in series, as in a 230 volt input connection. Feed the one primary (the one outside leg and what is now the center tap) the 115, and take your 230 volts off both (connecting to both outside legs) in autotransformer fashion. Ignore (insulate) any secondary windings. Works great on my New Zealand-made 230-240 volt tube radio.

Rich

==
Boatanchor Pix website - KB8TAD
http://ouvaxa.cats.ohiou.edu/~post/PIX/BA.html

visit the Museum of Radio and Technology website
http://oak.cats.ohiou.edu/~postr/MRT/

Message-ID: <36AE44B0.6E89D4C5@vifp.monash.edu.au>
Date: Wed, 27 Jan 1999 09:41:53 +1100
From: Morris Odell <morriso@vifp.monash.edu.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Aladdin Radio Repair
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Dick Dillman wrote:

> You betcha, John. I've been to Aladdin Radio Repair (1609 Irving St., San Francisco, CA Phone 415-731-1920) many times both to visit and to have radios repaired. John concentrates mainly on the entertainment radios of the 20s through the 50s and yes, there are a few wooden cased radios in my collection.

I'll second that from a long way away! One of the highlights of a visit to the US (apart from visiting Dick and a few other esteemed boatanchorites) was a visit to Aladdin. The photographs have amazed my colleagues down here.

73 de Morris VK3DOC

Message-Id: <3.0.32.19990126170027.00c40e40@revealed.net>
Date: Tue, 26 Jan 1999 17:06:29 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "James D. Mayfield" <kb9bnr@revealed.net>
Subject: Re: G B> Copied from 12952.4 bc tonite.
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

We already can speak to anyone on any frequency in any life or death issue.
In fact anyone can get on any freq during times of life or death.

73 Dave

At 03:59 PM 1/26/99 -0600, you wrote:
>Jeff/Roberta:
>I very much like the idea of hams stepping-up to the plate
>to volunteer time to monitor these freqs. It might even
>be possible to get special permission to contact these
>craft on these freqs in cases of maritime emergencies.
>It would certainly fit within the framework of amateur
>radio being a public service and promoter of international
>good will.
>
>With a stricture against handling commmercial traffic,
>the commercial shore stations couldn't complain
>since you're not hurting their business. I don't see how
>any reasonable person could be against this--
>but then, the Washington dragons are rarely "reasonable."
>
>What is the sense of the group about getting the FCC
>to seriously consider such a proposal?
>What are the "cons" that I don't see?
>
>73 DE Dave AB5S
>
>--- --- --- --- --- --- --- --- --- --- --- --- --- --
>To subscribe: listserv@listserv.tempe.gov
>and in body: subscribe BOATANCHORS yourfirstname yourlastname
>To unsubscribe: listserv@listserv.tempe.gov
>and in body: signoff BOATANCHORS
>Archives for BOATANCHORS: http://www.tempe.gov/archives
>--- --- --- --- --- --- --- --- --- --- --- --- --- --

>

****
Dave Mayfield KB9BNR
Personal Web Page
http://home.revealed.net/qste/bnr/index.html

Message-Id: <v04003a05b2d3ff4e81ed@[206.26.104.127]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Tue, 26 Jan 1999 17:31:40 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Paul Nelson <drhydro@ames.net>
Subject: Re: What's a T-137/PRT-1?
Cc: boatanchors@theporch.com

Bill, I also have one of these- found it at Ax-Man Surplus in Minneapolis a few years ago, for $7.50- (what a deal!)

It is a SPARK TRANSMITTER- a D-Day Device- made, from what I'm told, to JAM German tank transmitters and/or to provide guidance for incoming paratroop aircraft or glider guiders.

Inside - is a clock mechanism which turns on and off the transmitter- there's room for a whole buncha D-cells for power- and the core of the beast is, as I said, a spark xmtr with a coupla tuned circuits- I haven't really investigated the band it centers in- I remember an article somewhere, I think CQ a number of years ago. Anyone on the list know where that is, or add something?

>Found an odd U.S. Army transmitter, labeled T-137/PRT-1.
>The contract date is 1945. It's a cylinder 23" long and
>6-1/2" diameter. In each end there's a spool of insulated
>wire that's apparently meant to be pulled out and used as an
>antenna. It has a carrying strap but no controls or mike or
>key jacks are evident. Anyone recognize this? Whazzit?
>
>Thanks!
>Bill Strangfeld
>WB8YUW, bstrang@iac.net

```
Paul Nelson W5GNF              "When I go, I want to go quietly, in my
Ames, Iowa                      sleep, like my grandfather- not
                                screaming, like his passengers."
(DrHydro@ames.net)
                                "More hay, Trigger?"
```

Cessna 140 N77149 "No thanks, Roy, I'm stuffed."

Message-ID: <36AE50F0.467CC17E@roanoke.infi.net>
Date: Tue, 26 Jan 1999 18:34:08 -0500
From: "David M. Nance" <dmnance@roanoke.infi.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: POWER LINE NOISE DF'ING
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

Now I know what I need to do about my noise problem. Except, I work for the power company and have 20 more years until retirement.

73 and thanks for the advice,
David WB4SSE

JOHN SEHRING wrote:

> The common power line noise *decreases* in wet weather, that'a a good tip off.
>
> A lot of this noise is caused by loose hardware on pole.
> Not-in-good-physical-contact metal parts make dandy noise generators excited by the very high E fields near the wires.
>
> Sometimes, metal stuff (bracketsk, braces) need to be replaced by *wooden* or fiberglas stuff! Yes, it's true & it works.
>
> I've just been thru a session here. Power company guys had to climb *30* poles to get rid of it all. Local district office wouldn't get off it's duff to do anything for 3 months in Summer. I thought that was enough time. A polite but vaguely threatening (invoking Federal law, state PUC & FCC if nothing got done) letter to power company president did the trick.
>
> Here's part of what I wrote:
>
> "This interference violates Federal law: Title 47 of the Code of Federal Regulations 15.25, `Operating Requirements: Incidental Radiating Device'. It says, `An incidental radiation device [power lines] shall be operated so that the radio frequency energy that is emitted does not cause harmful interference. In the event that harmful interference is caused, the operator [electric power company] of the device shall promptly take steps to eliminate the harmful interference.'"

>
> Note that the above applies to *every* user of electrical lines and
> apparatus.
>
> Got huge action the very next day, very polite phone calls to me, the
> district manager became my "new best friend"! My neighborhood was
> crawling with cherry picker trucks & crews. It's not my fault they waited
> til Winter to do this work, I called them a long time ago!
>
> The lower the freq of the noise, the harder it is to find. When
> wavelengths get long, you get obvious standing waves, the distribution
> system (wires) become transmission line & antenna. The peaks and nulls can
> make it very hard to find the actual source(s). If you drive along a
> power line noisy on AM broadcast, you can sometimes hear the standing wave
> effect, peak, null, peak, null, etc.
>
> Our guys use a 136 MHz AM receiver w/s-meter & 4 element Yagi, works very
> well.
>
> Worst offender: A photocell-operated, screw-in night light installed in an
> outside fixture on a neighbor's house. Electric company told him he *must*
> remove it & he did.
>
> -John Sehring (Tue, Jan 26, 1999 @ Custer SD USA) UCC WB2EQG
>   "Live long and prosper" --John 10:10b

Date: Tue, 26 Jan 1999 18:38:05 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: RE: RBB and RBC (Poser Supply)
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199901261838_MC2-6819-4B0D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Message text written by Old Tube Radios
>The manual says that two receivers can be run off one power supply "in =

an emergency". Inasmuch as there is no way to disable either the =

<

Ken & Group,

Aboard USS Valley Forge (LPH-8) in 1967/68, there were still a pair in
Radio Two, the main HF transmitter space. They only had one power supply=

installed, and looked like they had been there for many years. I'm
probably the only one who used them during that period but presumably tha=
t
wasn't the case earlier. Before that, and from late '68 until I moved to=

Houston in '73, I had the same setup, and most of the time they ran 24
hours a day. Never smelled anything from the power supply and never had =
to
replace any tubes.

73,
Robert Downs
WA5CAB
Houston, TX

To: Old Tube Radios <boatanchors@theporch.com>
Date: Tue, 26 Jan 1999 17:43:36 CST
Subject: WTB MANUAL   TV-4
Message-ID: <19990126.174340.3502.2.jackiv@juno.com>
From: John M Iverson <jackiv@juno.com>

I need the service data for the Navy TV-4 tube tester. I bought one
from a real nice guy at the Hamfest in Villa Park il last sunday.. "of
course it works" wires burned up inside, rectifier tube missing, meter
goofed up. other than that works just fine -------will reinbuse you for
the data. or can trade other manuals. no military tho.   73 jack

Jack Iverson   K0EWU   jackiv@juno.com
ARRL, IEEE LM, RCA, AMI, ARCI, QCWA

____
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or call Juno at (800) 654-JUNO [654-5866]

Message-ID: <36AE5753.3E509594@txdirect.net>
Date: Tue, 26 Jan 1999 18:01:23 -0600
From: Bill <billross@txdirect.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 5866/AX9900?
Content-Type: text/plain; charset=EUC-KR
Content-Transfer-Encoding: 7bit

Bill Strangfeld wrote:

> What is an AX990 / 5866? Looks sorta like a 4-125 but not
> exactly. Anyone need a pair?
>

Amprex 250 watt triodes.

Bill Ross K5LLK

End of BOATANCHORS Digest 2400
****